

REPORT DIGEST

STATE OF ILLINOIS PUBLIC KEY INFRASTRUCTURE (PKI)

DEPARTMENT OF CENTRAL MANAGEMENT SERVICES BUREAU OF COMMUNICATION AND COMPUTER SERVICES

THIRD PARTY REVIEW

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State of Illinois
Office of the Auditor General
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INTRODUCTION

The Department of Central Management Services (Department) operates a Public Key Infrastructure (PKI) to facilitate development of electronic applications that could replace many of the paper processes currently employed by the State's agencies.

The purpose of a PKI is to manage keys and certificates, which are used for identification, entitlements, verification, and privacy. A PKI achieves its purpose across a wide variety of applications through the use of encryption and digital signature services.

The State of Illinois Certificate Authority conducted a Cross-Certification with the Federal Bridge Certificate Authority (FBCA) on December 19, 2003. The Cross-Certification will allow State agencies to conduct business with federal agencies in a trusted manner.

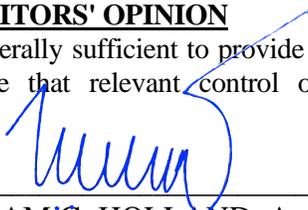
We reviewed controls over the Department's Public Key Infrastructure environment primarily during the period from November 12, 2003 to March 5, 2004. We performed tests to determine compliance with policies and procedures, conducted interviews, performed observations, and identified specific control objectives and procedures we considered necessary to evaluate the controls.

We raised several questions during the audit concerning the Department's roles and responsibilities with PKI and the requirements outlined in the Electronic Commerce Security Act (5 ILCS 175) and the Administrative Code (14 Ill. Adm. Code Part 100). We recommended the Department clarify its roles and responsibilities through a formal, written Attorney General opinion.

The Department concurred with the recommendation.

AUDITORS' OPINION

Procedures were generally sufficient to provide reasonable, but not absolute, assurance that relevant control objectives were achieved.



WILLIAM G. HOLLAND, Auditor General

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